

Chapter 8

Spill-Response Procedures

“☞” - Indicates that a more restrictive state rule or regulation may exist for particular federal regulation. Reference the units' physical location (state) within the CEU Supplement for further guidance.

The Resource and Conservation Recovery Act (RCRA) requires that certain HW generators have a ☞ contingency plan that lays out procedures in case of a release, fire, or explosion. The procedures described in this chapter are consistent and comply with these requirements.

<u>Section</u>	<u>Page</u>
8.1 Response Equipment	8-1
8.2 HW Generator Spill Contingency Plan	8-2
8.3 Initial Spill-Response Procedures	8-4
8.4 Forms and Instructions	8-5

8.1 Response Equipment

At a minimum, maintain the following spill-response equipment on site. Items from existing stock and/or request items through regular supply channels can be used.

- Removable head drum (NSN 8110-00-082-2626 or 8110-00-292-8121)
- Non-spark shovel and other cleanup equipment
- Open-head overpack/salvage drum
- Baking soda for battery acid spills
- Metal or plastic funnels
- 55-gallon drums with bungs, and other containers in sizes appropriate to the amount of waste being generated
- Extra bungs
- Flammable storage grounding rod and cable with clips for funnel or safety can
- Drum covers
- Signs (NO SMOKING, IN USE (For drums being filled), and HAZARDOUS WASTE STORAGE AREA – UNAUTHORIZED PERSONNEL KEEP OUT)
- Hazard Placards
- Impervious rubber gloves, apron, and splash shield

- Paint for masking, stenciling, and labeling
- Appropriate DOT and HW labels, if required, and permanent marking pens
- Caustic soda for acid neutralization
- pH paper
- Absorbent pads, absorbent socks/booms, and absorbent (e.g., Speedy Dry™)
- Plastic bags
- Sand bags

8.2 Hazardous Waste Generator Spill Contingency Plan

Each facility that generates HW must fill out the following HW Generator Spill Contingency Plan Chart (Figure 8-1) with names and emergency phone numbers for its facility. Use this flow chart in the event of a fire and/or spill.

Step 1. Copy the sample flow chart (Figure 8-1) and fill it out with the applicable names and phone numbers.

Note	RCRA requires that each facility appoint as an Emergency Coordinator(s) an employee who is either on the facility premises or on call and can reach the facility quickly. This Emergency Coordinator is responsible for coordinating all emergency response measures.
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Step 2. Make two copies.

Step 3. Place the original in the facility's file.

Step 4. Send one copy to the CEU.

Step 5. Post a copy at the facility next to the telephone.

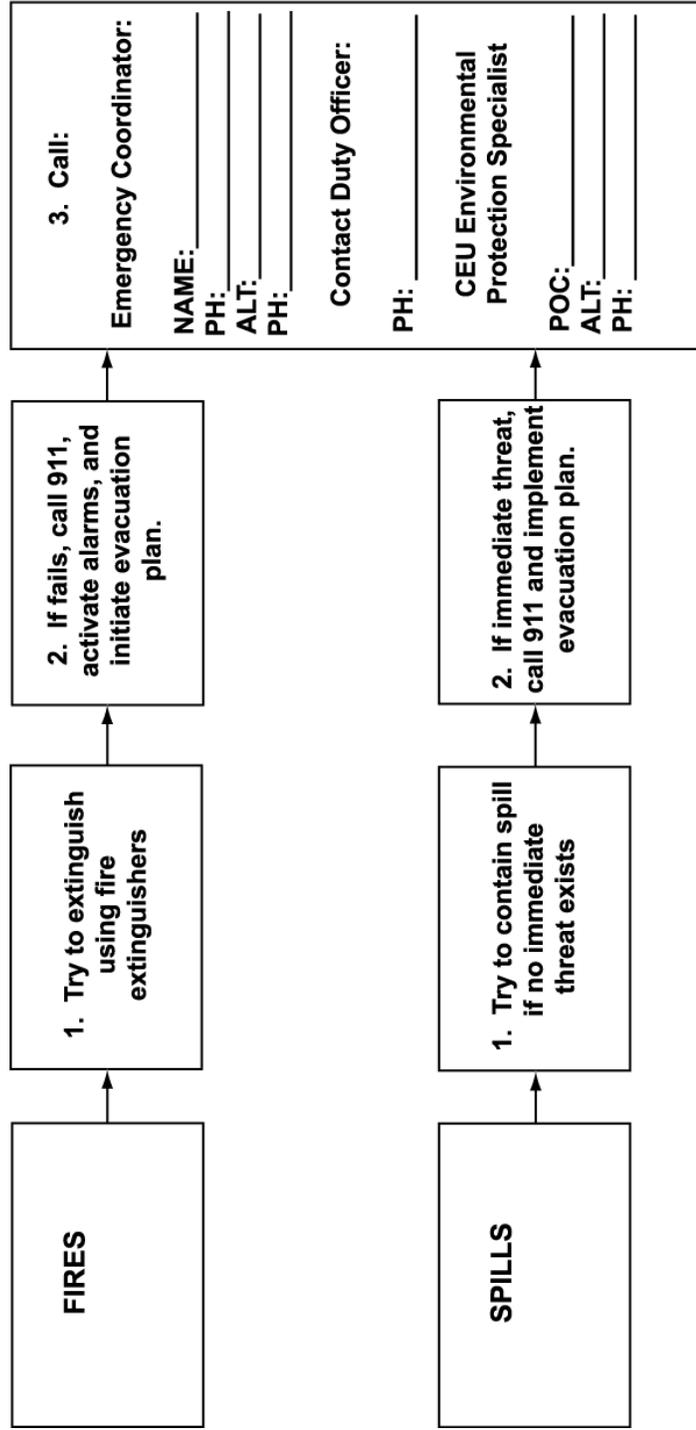
Figure 8-1. Hazardous Waste Generator Spill Contingency Plan Flow Chart

HW – GENERATOR SPILL CONTINGENCY PLAN

FACILITY NAME: _____

LOCATION: _____

PHONE: _____



During evacuation, the muster point is: _____

8.3 Initial Spill Response Procedures

WARNING! SAFETY FIRST when responding to a spill. If the situation is an emergency (e.g., fire, explosion, or immediate threat to human health, safety, or the environment), call 911. You may be injured if you try to clean up a spill beyond your capability.

In the event of a POL, HM, or HW spill, fire, or explosion, facility personnel must follow the HW Spill Chart. Always use proper safety equipment and supplies, and request emergency assistance if needed.

- Only try to contain a spill if doing so is not likely to put anyone at risk for personal injury.
- Use the appropriate PPE.
- For emergency assistance information, call 911.

Complete the following steps in the event of a POL, HM, or HW spill, fire, or explosion:

Step 1. The person who discovers the fire or spill should:

- Attempt to extinguish the fire or contain the spill (if not an immediate threat)
- In emergencies, call 911, activate alarms, and evacuate area

Note During evacuation, all personnel will assemble at the muster point.

- Notify the Emergency Coordinator, the contact duty officer, and the CEU, informing them of the character, source, amount, and extent of the release as well as of the potential hazards to human health and the environment.

Note The CEU or local emergency authorities will determine if the spill is a "reportable spill." Only CEU personnel will notify the National Response Center or regulatory agencies if the spill is reportable.

Step 2. For spills, stop the flow if possible.

Step 3. Turn off all sources of ignition (pumps, motors, etc.).

Step 4. Approach the spill from upwind and attempt to stop the source.

- Upright containers or roll them over so the hole is facing up
- Close valves and turn off power to pumps
- Transfer material to another container
- Place leaking drums in compatible DOT-approved overpack drums
- Transfer material in a leaking container to another container
- Patch holes
- Move the container to a location where it poses less of a threat

Step 5. Stop or slow the spread of the spill using one or more of the following methods:

- Use absorbent material to build a dike around the spill. Only use absorbent material marked as compatible with the hazard class of the spilled material (check the material's MSDS for guidance).

Note DO NOT use sawdust to absorb acids or caustics.

- Cover spills of hazardous dusts or powders to protect against winds or strong drafts.

Step 6. Overpack leaking, corroded, or otherwise deteriorating containers.

Pack leaking containers of liquids in absorbent material (NSN 7930-00-269-1272). For 55-gallon drums, use approximately six inches of absorbent in the bottom of the 85-gallon overpack drum. Non-liquid HW may not need to be over packed. Check with the CEU when in doubt. Mark overpack drums with "Overpack Drum" and "This Side Up."

Step 7. If less than 10 gallons is released, clean up the spill by:

- Draining, absorbing, or scooping free-floating materials into a container
- Scooping or shoveling contaminated media (soil, gravel, etc.) into a DOT-approved container for disposal
- Separating liquids from solids

Note Notify the Emergency Coordinator and the CEU for any spill.

Step 8. Dispose of contaminated media, residue, and cleanup materials as waste IAW this Hazardous Materials Hazardous Waste Plan. Report contaminated absorbents or soils dug up and bagged or drummed for disposition to the CEU.

Step 9. Complete a Spill Incident Report Form (see "Forms and Instructions" section at the end of this chapter)

8.4 Forms and Instructions

This section contains the following items:

- Spill Incident Report Form

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Spill Incident Report Form

Incident Information for National Response Center (NRC)/ Marine Safety Office (MSO)

(The Emergency Coordinator/Alternate Emergency Coordinator or their designated representative will complete this form)

Date of Incident: _____
 Time of Incident _____
 Spill Report Number _____
 Name of Person Reporting _____
 Address of Facility _____

 Emergency Coordinator _____
 CEU Environmental Protection Specialist _____

Type of Incident	Notification	Phone Number
_____ Oil Spill	_____ NRC	1-800-424-8802
_____ Hazardous Material	_____ State EPA	_____
_____ Other:	_____ MSO	_____
	_____ CEU	_____
	_____ CEU Fax Number	_____
	_____ USEPA Region	_____

Incident Location and Size _____

Incident Cause and Source _____

Affected Area (check one) Pavement___Gravel___Grass___Inside Building___
 Water___Other (Describe)_____

Release Duration _____

Amount Released _____

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